

ABSTRACT OF THE INVENTION

The present invention is to provide a method of optimizing packet flow and fully utilizing available bandwidth in a packet transfer path of duplex ring stackable switch, which comprises implementing in a ring network including a plurality of switches; setting a plurality of interruption points each at a location farthest from a unique one of the switches; dividing a packet output path of each switch into two different transfer paths; selecting either transfer path based on an initialization when one of the switches is about to send a packet to the other switch; and sending the packet from one switch to the other switch along the selected transfer path.